

**CITY OF FRANKLIN WATER UTILITY  
65-751**

**PROGRAM:** Water Utility

**PROGRAM MANAGER(S):** Board of Water Commissioners, Manager,  
& Superintendent of Water/Sewer

**PROGRAM DESCRIPTION:**

The City of Franklin Water Utility is a separate corporation run by the Franklin Board of Water Commissioners. The Water Utility is accounted for as an Enterprise Fund. The Water Utility purchases its water from the City of Oak Creek. Water activities handled by City personnel include maintenance and monitoring of the water system located within the City. Water bills are based on water usage. Costs of Water Department employees are allocated to water operations based on activities performed.

**SERVICES:**

- Operate and maintain well and pump houses.
- Inventory, install, read and maintain meters including upgrades and change outs. Inventory and maintain valves, hydrants, telemetry, reservoirs, and elevated towers.
- Respond to and resolve water customer complaints and concerns.
- Repair lateral and main breaks
- Locate all utility infrastructure as requested and required by Diggers Hotline
- Perform present time and follow up inspection on all new utility construction.
- Bills and collect amounts due for water services.

**STAFFING:** Water Utility and Sanitary Sewer Division share employees. The percentage varies yearly based on activities performed. For 2010 it is anticipated to be 50 to 60%.

<b>Authorized Positions (FTE)</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>Water Superintendent</b>	.50	.50	.50	.50	.50	.50
<b>Operator II</b>	1.00	1.00	1.00	1.00	1.00	1.00
<b>Operator I</b>	.50	.50	.50	.50	.50	.50
<b>Water Technician</b>	3.00	3.50	3.50	3.50	3.50	3.50
<b>Clerk/Typist</b>	.25	.63	.63	.63	.63	.63
<b>Seasonal Maintenance</b>	.30	.30	.30	.30	.15	.15
<b>Total Water</b>	5.55	6.43	6.43	6.43	6.28	6.28
<b>Total of Water &amp; Sewer</b>	11.10	12.85	12.85	12.85	12.55	12.55

**ACTIVITY MEASURES:**

<b>Activity</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009*</b>	<b>2010*</b>
<b>Miles of Water Main</b>	154.5	157.5	163.0	164.0	165.6	166.8
<b>Avg. No.-Water Utility Customers</b>	6,930	7,288	7,561	7,683	7,700	7,750
<b>Avg. Daily Consumption (Gallons)</b>	2.519m	2.269m	2.521m	2.474m	2.7m	2.7m
<b>Number of Fire Hydrants</b>	1,828	1,980	2,058	2,081	2,097	2,110

\* Forecast

## **BUDGET SUMMARY;**

The budget and operations described herein were approved by the Board of Water Commissioners who is responsible for the Water Utility. The year 2009 has had a similar sales volume to the prior year. The year 2010 is also expected to be a similar sales volume year. The Water Utility is in the process of filing for a rate increase with the PSC. The Utility incurred a small operating loss in 2008 and is expecting a larger operating loss in 2009. The rate increase is anticipated to be in the 4.5% area and will be effective for 2010.

### **2010 Capital Equipment      \$162,961**

#### **A. Tools & Shop Supplies. \$6,050.00**

**50% of Lawn Mower Replacement. \$4,800** The SCAG walk-behind lawn mower used by the Water Utility and shared use with the Sewer Department, is 12 years old. It was purchased to cut only well houses and small lift station plots. Since that time the Utility has added substantial acreage at the water tower, and larger plots are cut by the Sewer Department. Cost would be split with the Sewer Department at 50%. Estimated cost of Lazer mower is \$9,600. Cost to Water Utility **\$4,800**

**50% of Trailer for Mower Transport. \$1,250** Water Utility properties are scattered throughout the City of Franklin. To transport the mowers to the various sites, an open utility trailer, 1 ton capacity, with lights and hitch would be needed. Cost would be split with the Sewer Department at 50%. Estimated cost of trailer is \$2,500. Cost to Water Utility. **\$1,250**

#### **B. Vehicle Replacement. \$21,500.00**

**50% of 4X4 Pick up w/Plow Replacement. \$21,500** A 2000 GMC 4x4 pick-up truck w/approximately 121,000 miles (calculated by 2,200 engine hours) and plow will be replaced with a like pick-up. The truck is used as a service truck throughout the year and plows properties for the Water Utility and Sewer Department in the winter. The plow is a **Western Boss V-Plow** purchased with the truck and the condition of the plow and frame changes on new vehicles warrant replacement and not transfer to a new vehicle. Estimated cost of new truck w/plow is \$43,000. Cost to Water Utility. **\$21,500**

#### **C. Safety and Detection Equipment. \$3,411**

**50% Security SCADA Upgrade. \$3,411** The station at Drexel Avenue and the Puetz Road Tower have security shortcomings to include some software upgrades, timers, relays, flashing indicators, contacts and alarm horns. Updated electrical drawings are included in the pricing. At this time there is no security breach equipment at either location.

#### **D. Office Equipment. \$2,000**

**50% of Copy Machine. \$2,000** The Water Utility is asking to replace the existing copy machine purchased in 2001 and, we are told by the service company, is no longer supported by the Savin company. Looking for a machine capable of 22 copies / minute, auto feed, stapler, duplexer and network printing, we found pricing to be approximately \$4,000. Cost to Water Utility. **\$2,000**

## E. New Development & Replacement Meters. \$130,000

**New Development** meters are used only for new residential, commercial and industrial meter installations. No meters of residential size will be ordered this year. We have enough meters from last year in stock for any new homes that may be built. **\$4,000** will be budgeted for any new commercial units not typically stocked until building is confirmed.

**Replacement meters** include those that have been damaged or will be retrofitted. The retro involves upgrading of existing Trace technology to the new Orion reading system. We have found over the last two years that the number of upgrades completed is limited only by the available parts. Because we have depleted the stock of replacement Remote Transmitters used for the Orion upgrade, the majority of the budget will be used to purchase Orion RTR's. We anticipate changing out 1200 units @ \$105 each in 2010. Total replacement cost budgeted is **\$126,000**.

CITY OF FRANKLIN 2010 BUDGET		2007 Actual	2008 Actual	2009 Adopted	2009 Amended	2009 Estimate	2010 Forecast B	2010 Dept/Request	2010 Proposed	2010 Adopted	Percent Change
<b>WATER UTILITY</b>											
<b>REVENUE</b>											
Metered Revenue											
Metered Sales-Residential	65.44611	1,916,420	2,035,675	2,271,000	2,271,000	2,125,000	2,407,260	2,210,000	2,210,000	2,210,000	
Metered Sales-Commercial	65.44612	862,377	961,521	990,000	990,000	1,040,000	1,049,400	1,082,000	1,082,000	1,082,000	
Other Sales to Public Author	65.44614	235,768	270,696	339,000	339,000	300,000	359,340	312,000	312,000	312,000	
Metered Sales-Industrial	65.44613	225,281	229,014	268,000	268,000	200,000	284,000	208,000	208,000	208,000	
Total Metered Revenue		3,239,845	3,496,905	3,868,000	3,868,000	3,665,000	4,100,000	3,812,000	3,812,000	3,812,000	-1.4%
Other Water Revenue											
Public Fire Protection	65.44630	541,518	568,819	572,000	572,000	576,000	572,000	594,000	594,000	594,000	
Private Fire Protection	65.44620	94,529	111,439	111,000	111,000	115,000	111,000	120,000	120,000	120,000	
Forfeited Discount	65.44700	32,316	38,708	30,000	30,000	30,000	30,000	30,000	30,000	30,000	
Unmetered Sales	65.44600	18,418	3,218			0	0	0			
Total Miscellaneous Revenue		686,781	722,184	713,000	713,000	721,000	713,000	744,000	744,000	744,000	4.3%
Total Water Utility Revenue		3,926,626	4,219,089	4,581,000	4,581,000	4,386,000	4,813,000	4,556,000	4,556,000	4,556,000	-0.5%
<b>EXPENDITURES</b>											
Source of Supply:											
Source of Supply: Operations Labor	65.751.56010	363	1,001	1,500	1,500	1,000	1,560	1,000	1,000	1,000	
Operation Supplies & Expense	65.751.56011	9,434	9,386	9,700	9,700	9,700	9,700	9,700	9,700	9,700	
Wholesale Water	65.751.56020	1,943,892	2,106,282	2,334,000	2,334,000	2,254,000	2,576,352	2,304,000	2,254,000	2,254,000	
Maint of Water Source plant	65.751.56171	214	3,807	6,000	6,000	6,000	6,000	6,000	6,000	6,000	
Sub-total Source of Supply		1,953,903	2,120,476	2,351,200	2,351,200	2,270,700	2,593,612	2,320,700	2,270,700	2,270,700	-3.4%
Pumping											
Pump Exp - Fuel	65.751.56230	39,668	43,379	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
Pump Exp - Operations Labor	65.751.56240	82,260	89,605	84,500	84,500	70,000	87,880	75,000	75,000	75,000	
Pump Exp - Main Labor Pump Plant	65.751.56330	182	1	2,000	2,000	1,000	2,080	2,000	2,000	2,000	
Pump Exp - Main Exp Pump Plant	65.751.56331	4,402	397	8,000	8,000	6,000	8,000	8,000	8,000	8,000	
Sub-total Pumping		126,512	133,383	144,500	144,500	127,000	147,960	135,000	135,000	135,000	-6.6%
Water Treatment											
Water Treat Chemicals	65.751.56410	331	190	500	500	300	500	500	500	500	
Water Treat Operation Labor	65.751.56420	272	188	0	0	500	0	500	500	500	
Water Treat Tests	65.751.56421	4,994	8,201	18,000	18,000	9,000	18,000	10,000	10,000	10,000	
Water Treat Maint Labor	65.751.56520	164	215	500	500	500	520	500	500	500	
Water Treat Maint Expenses	65.751.56521	0	552	500	500	0	500	500	500	500	
Subtotal Water Treatment		5,762	9,347	19,500	19,500	10,300	19,520	12,000	12,000	12,000	-38.5%
Transmission & Distribution											
Trans & Distr Software Maintenance	65.751.56612	0	0	5,000	5,000	3,000	0	4,000	4,000	4,000	
Trans & Distr Operation Labor	65.751.56620	12,704	38,962	18,400	18,400	26,000	19,136	19,000	19,000	19,000	
Trans & Distr Op Supp Exp	65.751.56621	27,225	20,746	31,000	31,000	29,000	31,000	31,000	31,000	31,000	
Trans & Distr Safety Supp Exp	65.751.56622	0	0	4,000	4,000	3,000	4,000	3,000	3,000	3,000	
Maint Labor- Distr Reservoir	65.751.56720	545	151	4,000	4,000	4,000	4,000	4,000	4,000	4,000	
Maint Expenses- Distr Reservoir	65.751.56721	1,460	1,670	8,000	8,000	8,000	8,000	8,000	8,000	8,000	
Maintenance Labor - Mains	65.751.56730	31,639	19,533	25,000	25,000	25,000	26,000	25,000	25,000	25,000	
Maintenance Expense - Mains	65.751.56731	25,155	97,405	60,000	60,000	60,000	60,000	30,000	30,000	30,000	
Locating Labor - Mains	65.751.56732	9,897	13,876	11,800	11,800	11,400	11,800	11,800	11,800	11,800	
Maint Labor - Services	65.751.56750	7,009	5,267	10,000	10,000	8,000	10,400	10,000	10,000	10,000	
Maint Expense - Services	65.751.56751	27,616	18,209	25,000	25,000	18,000	25,000	25,000	25,000	25,000	
Locating Labor - Services	65.751.56752	11,263	12,113	12,000	12,000	8,000	12,000	10,000	10,000	10,000	
Maint Labor - Meters	65.751.56760	47,234	39,725	46,800	46,800	46,800	46,872	46,800	46,800	46,800	
Maint Expense - Meters	65.751.56761	3,055	2,946	5,000	5,000	5,000	5,000	5,000	5,000	5,000	
Maint Labor - Hydrants	65.751.56770	15,656	20,682	15,600	15,600	16,000	16,224	16,225	16,200	16,200	
Maint Expenses - Hydrants	65.751.56771	16,785	8,229	12,000	12,000	10,000	12,000	12,000	12,000	12,000	
Maint Labor - Plant	65.751.56780	11,353	12,939	9,000	9,000	12,000	9,360	9,360	9,400	9,400	
Maint Expenses - Plant	65.751.56781	18,356	14,913	30,000	30,000	30,000	30,000	30,000	30,000	30,000	
Sub-total Transmission & Distribution		266,953	328,366	332,600	332,600	326,200	332,592	300,185	300,200	300,200	-9.7%

CITY OF FRANKLIN 2010 BUDGET		2007 Actual	2008 Actual	2009 Adopted	2009 Amended	2009 Estimate	2010 Forecast B	2010 Dept/Request	2010 Proposed	2010 Adopted	Percent Change
Customer Accounts											
Meter Reading Labor	65.751.59020	8,842	5,979	6,600	6,600	6,600	6,864	6,900	6,900	6,900	
Acct & Collection Labor	65.751.59030	20,441	21,489	19,750	19,750	19,750	20,540	20,540	20,550	20,550	
Acctg & Coll Payroll Exp - Allocated	65.751.59031	11,650	12,100	12,600	12,600	12,600	13,104	13,100	11,900	11,900	
Supplies & Expense	65.751.59032	14,270	12,460	14,800	14,800	14,000	14,800	14,800	14,800	14,800	
Bank Fees	65.751.59033	19,775	19,654	21,000	21,000	12,000	21,000	12,000	12,300	12,300	
Sub-total Customer Accounts		74,979	71,682	74,750	74,750	64,950	76,308	67,340	66,450	66,450	-11.1%
Administrative & General											
Admin & Gen Supervision Wages	65.751.59200	0	0	0	0	0	0	12,000	12,000	12,000	
Admin & General Payroll Exp - Allocated	65.751.59201	49,700	52,100	54,200	54,200	50,600	56,368	52,600	47,700	47,700	
Office Supplies	65.751.59210	1,278	3,981	3,000	3,000	500	3,000	1,500	1,500	1,500	
Conferences/Dues/Subscriptions	65.751.59211	5,773	3,774	4,000	4,000	3,300	4,000	4,000	4,000	4,000	
Mileage	65.751.59212		30	1,000	1,000	700	1,000	1,000	1,000	1,000	
Outside Services	65.751.59230	48,261	69,290	45,000	45,000	45,000	45,000	45,000	45,000	45,000	
Property Insurance	65.751.59240	28,500	29,000	30,200	30,200	30,200	31,408	31,408	31,400	31,400	
Empl Ben - Allocated	65.751.592xx		33,000	0	0	36,700	0	38,100	33,600	33,600	
Empl Ben - Sick & Other Leave Exp	65.751.59260	144,505	25,242	11,000	11,000	22,676	11,660	11,700	11,700	11,700	
Empl Ben - Comp Time Taken Exp	65.751.59261		4,588	4,000	4,000	3,000	4,160	3,000	3,000	3,000	
Empl Ben - Longevity Exp	65.751.59262		837	800	800	800	832	832	950	950	
Empl Ben - Holiday Exp	65.751.59263	23,903	16,670	16,900	16,900	16,900	17,576	17,576	16,950	16,950	
Empl Ben - Vacation Exp	65.751.59264	23,903	23,609	22,250	22,250	22,250	23,140	23,140	22,650	22,650	
Empl Ben - Retirement Exp	65.751.59265		25,689	23,750	23,750	23,750	24,700	24,700	38,700	38,700	
Empl Ben - Retiree Health Exp	65.751.59266		17,073	20,410	20,410	15,187	21,226	15,884	16,300	16,300	
Empl Ben - Group Health & Dental Exp	65.751.59267		82,347	81,840	81,840	85,050	85,114	88,452	80,050	80,050	
Empl Ben - Life Insurance Exp	65.751.59268		1,597	1,650	1,650	1,650	1,716	1,716	1,400	1,400	
Empl Ben - Workers Comp Exp	65.751.59269		17,816	21,400	21,400	21,400	22,256	22,256	17,700	17,700	
Regulatory Commission Exp	65.751.59280	3,820	4,090	5,000	5,000	5,000	5,000	5,000	5,000	5,000	
Misc General Expense	65.751.59300	1,506	1,447	1,000	1,000	1,000	1,000	5,000	1,000	1,000	
Maintenance of General Plant	65.751.59320	1,595	22	2,000	2,000	500	2,000	2,000	2,000	2,000	
Transportation Expenses	65.751.59321	19,059	22,480	25,000	25,000	16,000	25,000	20,300	20,300	20,300	
Sub-total Administrative & General		351,804	434,683	374,400	374,400	402,163	386,156	427,164	413,900	413,900	10.6%
Operation & Maintenance Expenses - subtotal		2,779,911	3,097,936	3,296,950	3,296,950	3,200,313	3,556,148	3,262,389	3,198,250	3,198,250	-3.0%
Depreciation	65.761.54030	286,125	285,696	310,000	310,000	310,000	310,000	310,000	380,000	380,000	
Taxes - Property Tax Equivalent	65.761.54080	835,196	854,682	920,000	920,000	870,000	920,000	920,000	920,000	920,000	
Taxes - FICA	65.761.54081	23,900	26,300	26,050	26,050	26,050	26,852	26,852	25,750	25,750	
Total Operating Expenses		3,925,132	4,264,615	4,553,000	4,553,000	4,406,363	4,813,000	4,519,241	4,524,000	4,524,000	-0.6%
Operating Income		1,493	-45,526	28,000	28,000	-20,363	0	36,759	32,000	32,000	
Non Operating Income ( Expenses)											
Interest Income	65.44190	86,352	46,033	65,000	65,000	25,000	25,000	25,000	25,000	25,000	
Misc Revenue	65.44210	4,288	2,927	2,000	2,000	2,000	2,000	2,000	2,000	2,000	
Water Property Rent	65.44720	32,984	35,672	33,000	33,000	33,000	33,000	33,000	33,000	33,000	
Other Water Revenue	65.44740	0	227,500	0	0	0	0	0	0	0	
Loss on Abandoned Property	65.761.54260	-27,150	0	0	0	0	0	0	0	0	
Sub-total non-operating income (Expenses)		96,473	312,132	100,000	100,000	60,000	60,000	60,000	60,000	60,000	-40.0%
Income before Capital Contributions		97,966	266,606	128,000	128,000	39,637	60,000	96,759	92,000	92,000	
Retained Earnings , Beginning		1,549,519	1,709,697	1,574,448	1,574,448	1,574,448	1,817,785	1,817,785	1,817,785	1,817,785	
Invested in capital assets transfer		62,212	-401,855	203,700	203,700	203,700	203,700	147,039	147,000	147,000	
Retained Earnings - Ending		1,709,697	1,574,448	1,906,148	1,906,148	1,817,785	2,081,485	2,061,583	2,056,785	2,056,785	
Capital Contributions	65.44990	1,966,833	689,955	1,500,000	1,500,000	1,500,000	1,500,000	750,000	750,000	750,000	
Depreciation - CIAC	65.761.54031	-503,437	-518,645	-525,000	-525,000	-525,000	-540,750	-550,000	-550,000	-550,000	
Invested in capital assets transfer		-62,212	401,855	-203,700	-203,700	-203,700	-203,700	-147,039	-147,000	-147,000	
		1,401,184	573,165	771,300	771,300	771,300	755,550	52,961	53,000	53,000	
Invested in Capital Assets - Beginning		42,982,371	44,383,555	44,956,720	44,956,720	44,956,720	45,728,020	45,728,020	45,728,020	45,728,020	
Invested in Capital Assets - Ending		\$44,383,555	\$44,956,720	\$45,728,020	\$45,728,020	\$45,728,020	\$45,728,020	\$45,780,981	\$45,781,020	\$45,781,020	
Total Net Assets - Ending		\$46,093,252	\$46,531,168	\$47,634,168	\$47,634,168	\$47,645,805	\$47,809,505	\$47,842,564	\$47,837,805	\$47,837,805	